IN THE CLAIMS

For the convenience of the Examiner all pending claims of the present Application are shown below whether or not an amendment has been made.

1.   (Currently Amended)   An enterprise ~~code division multiplex access, CDMA,~~ code division multiple access (CDMA) wireless communication system, comprising:

a local area ~~networks~~ network (LAN);

a plurality of scalable wireless base stations coupled to ~~said~~ the LAN, ~~said~~ the wireless base stations coupled to communicate with wireless devices coupled within the enterprise wireless communication system via an internet protocol;

a public switched data network (PSDN) gateway directly coupled to ~~said~~ the LAN to communicate with the wireless devices through at least one of the wireless base stations;

a public switched telephone network (PSTN) gateway directly coupled to ~~said~~ the LAN to communicate with the wireless devices through at least one of the wireless base stations; and

a public land mobile network (PLMN) gateway directly coupled to the LAN to communicate with the wireless devices through at least one of the wireless base stations.

2.   (Currently Amended)   The system as recited in Claim 1, wherein ~~said~~ the scalable wireless base stations each include stackable base modules ~~coupled to enabling the scalability of said base station~~ each operable to support communication with mobile terminals in a respective sectorized coverage area.

3.   (Currently Amended)   The system of claim 2, wherein ~~said~~ the stackable wireless base modules ~~includes~~ each include a transceiver coupled to receive and transmit coded communication signals to and from a remote mobile terminal coupled to ~~said~~ the system.

4.   (Currently Amended)   The system of claim 2, wherein the stackable base ~~module~~ modules further ~~includes~~ include a plurality of channel elements coupled to enable ~~said~~ the base ~~station~~ stations to handle digital communication signals to and from mobile terminals remotely coupled to the base station.

5.   (Currently Amended) The system of claim 2, wherein ~~said~~ the stackable base ~~module~~ modules further ~~includes~~ include an Ethernet interface card coupled to enable ~~said~~ the stackable base ~~module~~ modules to handle internet protocol communication signals.

6.   (Canceled)

7.   (Currently Amended) The system of Claim 1, wherein ~~said~~ the PSTN ~~gateways~~ gateway includes a plurality of T1 trunks.

8.   (Currently Amended) The system of Claim 1, wherein ~~said~~ the PSDN gateway includes a plurality of T1 trunks.

9.   (Currently Amended) The system of ~~claim1~~ claim 1 further including a plurality of combiners coupled to interconnect ~~said~~ the plurality of base stations to handle communication requests from remote mobile terminals to the system.

10.   (Currently Amended) The system of claim 1 further including a plurality of splitters coupled to interconnect ~~said~~ the plurality of base stations to handle communications requests from ~~said~~ the base stations to remote mobile terminals coupled to the system.

11.   (Canceled)

12.   (Canceled)

13.   (Canceled)

14.   (Canceled)

15.   (Canceled)

16.   (Canceled)

17.   (Canceled)

18.   (Canceled)

19.   (Withdrawn) A scalable sectorized code division multiple access base station, comprising:

a plurality of stackable base modules;

a plurality of combiners; and

a plurality of splitters.

20.   (Withdrawn) The base station of claim 19, wherein said stackable base module includes transceivers coupled to handle analog communication signals to and from mobile terminals coupled to said base station.

21.   (Withdrawn) The base station of claim 20, wherein said stackable base module further includes channel elements coupled to handle digital communication signals to and from mobile terminals coupled to the base station.

22.   (Withdrawn) The base station of claim 21, wherein said base station further includes Ethernet interface cards coupled to said channel elements and said transceiver to enable said base station communicate over an Ethernet backhaul with said mobile terminals.

23.   (New)   A method for providing enterprise code division multiple access (CDMA) in a wireless communication system, comprising:

providing a local area network (LAN);

coupling a plurality of scalable wireless base stations to the LAN, the wireless base stations coupled to communicate with wireless devices coupled within the enterprise wireless communication system via an internet protocol;

directly coupling a public switched data network (PSDN) gateway to the LAN to communicate with the wireless devices through at least one of the wireless base stations;

directly coupling a public switched telephone network (PSTN) gateway to the LAN to communicate with the wireless devices through at least one of the wireless base stations; and

directly coupling a public land mobile network (PLMN) gateway to the LAN to communicate with the wireless devices through at least one of the wireless base stations.

24.   (New)   The method of Claim 23, wherein the scalable wireless base stations each include stackable base modules each operable to support communication with mobile terminals in a respective sectorized coverage area.

25.   (New)   The method of Claim 24, wherein the stackable wireless base modules each include a transceiver coupled to receive and transmit coded communication signals to and from a remote mobile terminal coupled to the system.

26.   (New)   The method of Claim 24, wherein the stackable base modules further include a plurality of channel elements coupled to enable the base stations to handle digital communication signals to and from mobile terminals remotely coupled to the base station.

27.   (New)   The method of Claim 24, wherein the stackable base modules further include an Ethernet interface card coupled to enable the stackable base modules to handle internet protocol communication signals.

28.   (New)   The method of Claim 23, wherein the PSTN gateway includes a plurality of T1 trunks.

29.   (New)   The method of Claim 23, wherein the PSDN gateway includes a plurality of T1 trunks.

30.   (New)   The method of Claim 23, further comprising coupling a plurality of combiners to the base stations to interconnect the plurality of base stations to handle communication requests from remote mobile terminals to the system.

31.   (New)   The method of Claim 23, further comprising coupling a plurality of splitters to the base stations to interconnect the plurality of base stations to handle communications requests from the base stations to remote mobile terminals coupled to the system.

32.   (New)   An enterprise code division multiple access (CDMA) wireless communication system, comprising:

a plurality of base stations for wireless communication with a mobile terminal, each base station operable to communicate with a mobile terminal in a respective coverage area; wherein each base station is coupled to a local area network (LAN) through an Ethernet backbone;

a public switched data network (PSDN) gateway directly coupled to the LAN to communicate with the mobile terminal through at least one of the plurality of base stations;

a public switched telephone network (PSTN) gateway directly coupled to the LAN to communicate with the mobile terminal through at least one of the wireless base stations;

a public land mobile network (PLMN) gateway directly coupled to the LAN to communicate with the mobile terminal through at least one of the wireless base stations; and

each of the plurality of base stations comprising a plurality of base modules, each base module operable to communicate with the mobile terminal in a respective sector of the respective coverage area of the base station, each base module comprising:

a transceiver for communicating with the mobile terminal;

an ethernet interface coupled to the LAN; and

channel elements to handle digital communication signals to and from the mobile terminal.